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**From:** Lisa Rector [lrector@nescaum.org]  
**Sent:** 4/22/2021 6:28:42 PM  
**To:** Johnson, Steffan [johnson.steffan@epa.gov]  
**CC:** Kelli O'Brien (kelli@clearstak.com) [kelli@clearstak.com]  
**Subject:** RE: testing issue

Thanks Stef!

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**From:** Johnson, Steffan <johnson.steffan@epa.gov>  
**Sent:** Thursday, April 22, 2021 2:27 PM  
**To:** Lisa Rector <lrector@nescaum.org>  
**Cc:** Kelli O'Brien (kelli@clearstak.com) <kelli@clearstak.com>  
**Subject:** RE: testing issue

Lisa,

Sorry, I was presenting to a webinar.

Obviously the paired train criteria are blown, at least for 7.5%. Putting the second train in now could maaaaybe meet the 0.5 g/kg requirement so it might be worth running?

If they think it's too late for that, stop the test and shovel out the stove....re-tool for success tomorrow. that's my suggestion.

Stef

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**From:** Lisa Rector <lrector@nescaum.org>  
**Sent:** Thursday, April 22, 2021 2:00 PM  
**To:** Johnson, Steffan <johnson.steffan@epa.gov>  
**Cc:** Kelli O'Brien (kelli@clearstak.com) <kelli@clearstak.com>  
**Subject:** testing issue  
**Importance:** High

Stef, ClearStak just ran into an issue while conducting an ASTM 3053 test. They successfully completed the Start-up/High fire phase. For the next phase, they swapped out filter trains and completed leak checks. After starting the medium phase, they realized that one of the filter trains had no flow. They still do not know the cause for the train issue but are looking to make sure there are no blocked lines. They weren't sure if they should halt the test or continue sampling with a single train. I tried to call you, but I assume you are on another call. I advised them to continue testing with the single train. Since some time has already passed, I advised them not to insert the second train if they can get it working again. I assume this will be an invalid run and will need to complete another medium test. Two questions for you today if you have time to answer:

- 1) Should Clearstak continue the medium phase test?
- 2) If they can fix the second train, should they use it?

Thanks!

Lisa



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